

Bendtsen KM, Brostrøm A, Koivisto AJ, Koponen I, Berthing T, Bertram N et al. **Airport emission particles: Exposure characterization and toxicity following intratracheal instillation in mice.** Particle and Fibre Toxicology. 2019 Jun 11;16(1). 23. <https://doi.org/10.1186/s12989-019-0305-5>

Bendtsen KM, Brostrøm A, Koivisto AJ, Koponen I, Berthing T, Bertram N et al. **Airport emission particles: Exposure characterization and toxicity following intratracheal instillation in mice.** 2019. Paper presented at Annual meeting 2019 in Danish Society for Pharmacology and Toxicology, Sønderborg, Denmark.

Savelieva K, Marttila T, Lampi J, Ung-Lanki S, Elovainio M, Pekkanen J. **Associations between indoor environmental quality in schools and symptom reporting in pupil-administered questionnaires.** Environmental Health: A Global Access Science Source. 2019 Dec 27;18(1). 115. <https://doi.org/10.1186/s12940-019-0555-6>

Kumar MS, Praveenkumar R, Ilavarasi A, Rajeshwari K, Thajuddin N. **Biochemical changes of fresh water cyanobacteria dolichospermum flos-aquae NTMS07 to chromium-induced stress with special reference to antioxidant enzymes and cellular fatty acids.** Bulletin of Environmental Contamination and Toxicology. 2013 Jun;90(6):730-735. <https://doi.org/10.1007/s00128-013-0984-9>

Tan LC, Nancharaiyah YV, Lu S, van Hullebusch ED, Gerlach R, Lens PNL. **Biological treatment of selenium-laden wastewater containing nitrate and sulfate in an upflow anaerobic sludge bed reactor at pH 5.0.** Chemosphere. 2018 Nov 1;211:684-693. <https://doi.org/10.1016/j.chemosphere.2018.07.079>

Du L, Prasauskas T, Leivo V, Turunen M, Aaltonen A, Kiviste M et al. **Building energy-efficiency interventions in North-East Europe: Effects on indoor environmental quality and public health.** In Indoor Air 2014 - 13th International Conference on Indoor Air Quality and Climate. International Society of Indoor Air Quality and Climate . 2014. p. 637-639

Reponen T, Saari S, Mensah-Attipoe J, Ukkonen A, Veijalainen A, Pasanen P et al. **Characterization of charge in airborne fungal spores.** In Indoor Air 2014 - 13th International Conference on Indoor Air Quality and Climate. International Society of Indoor Air Quality and Climate . 2014. p. 359-361

Simonen P, Kalliokoski J, Karjalainen P, Rönkkö T, Timonen H, Saarikoski S et al. **Characterization of laboratory and real driving emissions of individual Euro 6 light-duty vehicles – Fresh particles and secondary aerosol formation.** Environmental Pollution. 2019 Dec 1;255. 113175. <https://doi.org/10.1016/j.envpol.2019.113175>

Roszak J, Catalán J, Järventaus H, Lindberg HK, Suhonen S, Vippola M et al. **Effect of particle size and dispersion status on cytotoxicity and genotoxicity of zinc oxide in human bronchial epithelial cells.** Mutation Research: Genetic Toxicology and Environmental Mutagenesis. 2016 Jul 1;805:7-18. <https://doi.org/10.1016/j.mrgentox.2016.05.008>

Chakraborty S, Rene ER, Lens PNL, Rintala J, Veiga MC, Kennes C. **Effect of tungsten and selenium on  $C_1$  gas bioconversion by an enriched anaerobic sludge and microbial community analysis.** Chemosphere. 2020;250. 126105. <https://doi.org/10.1016/j.chemosphere.2020.126105>

Franzén R, Goto S, Tanabe K, Morita M. **Genotoxic activity of chlorinated butenoic acids in Salmonella typhimurium strains TA98, TA100 and TA104.** Mutation Research: Genetic Toxicology and Environmental Mutagenesis. 1998 Sep 1;417(1):31-37. [https://doi.org/10.1016/S1383-5718\(98\)00092-8](https://doi.org/10.1016/S1383-5718(98)00092-8)

Szabo HM, Lepistö R, Tuhkanen T. **HPLC-SEC: a new approach to characterise complex wastewater effluents.** International Journal of Environmental Analytical Chemistry. 2016 Feb 19;96(3):257-270. <https://doi.org/10.1080/03067319.2016.1150463>

Fekadu K, Parzefall W, Kronberg L, Franzen R, Schulte-Hermann R, Knasmüller S. **Induction of genotoxic effects by chlorohydroxyfuranones, byproducts of water disinfection, in E. coli K-12 cells recovered from various organs of mice.** Environmental and Molecular Mutagenesis. 1994;24(4):317-324. <https://doi.org/10.1002/em.2850240409>

Sormunen K, Ettala M, Rintala J. **Internal leachate quality in a municipal solid waste landfill: Vertical, horizontal and temporal variation and impacts of leachate recirculation.** Journal of Hazardous Materials. 2008 Dec 30;160(2-3):601-607. <https://doi.org/10.1016/j.jhazmat.2008.03.081>

Franzén R, Morita M, Tanabe K, Takagi H, Shibata Y. **Investigation of the adducts formed by reaction of butenedioic acids with adenosine.** Chemical Research in Toxicology. 1997 Oct;10(10):1186-1191. <https://doi.org/10.1021/tx970036d>

Kreuzer M, Auvinen A, Cardis E, Hall J, Jourdain JR, Laurier D et al. **Low-dose ionising radiation and cardiovascular diseases - Strategies for molecular epidemiological studies in Europe.** MUTATION RESEARCH: REVIEWS IN MUTATION RESEARCH. 2015 Apr 1;764:90-100. <https://doi.org/10.1016/j.mrrev.2015.03.002>

Knasmüller S, Zöhrer E, Kronberg L, Kundi M, Franzen R, Schulte-Hermann R. **Mutational spectra of Salmonella typhimurium revertants induced by chlorohydroxyfuranones, byproducts of chlorine disinfection of drinking water.** Chemical Research in Toxicology. 1996;9(2):374-381. <https://doi.org/10.1021/tx9500686>

Demarini DM, Landi S, Ohe T, Shaughnessy DT, Franzén R, Richard AM. **Mutation spectra in Salmonella of analogues of MX: Implications of chemical structure for mutational mechanisms.** Mutation Research: Fundamental and Molecular Mechanisms of Mutagenesis. 2000 Sep 20;453(1):51-65. [https://doi.org/10.1016/S0027-5107\(00\)00084-1](https://doi.org/10.1016/S0027-5107(00)00084-1)

Shaughnessy DT, Ohe T, Landi S, Warren SH, Richard AM, Munter T et al. **Mutation spectra of the drinking water mutagen 3-chloro-4-methyl-5-hydroxy-2(5H)-furanone (MCF) in Salmonella TA100 and TA104: Comparison to MX.** Environmental and Molecular Mutagenesis. 2000;35(2):106-113. [https://doi.org/10.1002/\(SICI\)1098-2280\(2000\)35:2<106::AID-EM5>3.0.CO;2-U](https://doi.org/10.1002/(SICI)1098-2280(2000)35:2<106::AID-EM5>3.0.CO;2-U)

Järvinen A, Timonen H, Karjalainen P, Bloss M, Simonen P, Saarikoski S et al. **Particle emissions of Euro VI, EEV and retrofitted EEV city buses in real traffic.** Environmental Pollution. 2019 Jul 1;250:708-716. <https://doi.org/10.1016/j.envpol.2019.04.033>

Wihersaari H, Pirjola L, Karjalainen P, Saukko E, Kuuluvainen H, Kulmala K et al. **Particulate emissions of a modern diesel passenger car under laboratory and real-world transient driving conditions.** Environmental Pollution. 2020;265(Part B):114948. <https://doi.org/10.1016/j.envpol.2020.114948>

Korpinen L, Kuisti H, Tarao H, Virtanen V, Paakkönen R, Dovan T et al. **Possible influences of spark discharges on cardiac pacemakers.** Health Physics. 2016;110(1):1-10. <https://doi.org/10.1097/HP.0000000000000373>

Hadrup N, Saber AT, Kyjovska ZO, Jacobsen NR, Vippola M, Sarlin E et al. **Pulmonary toxicity of Fe<sub>2</sub>O<sub>3</sub>, ZnFe<sub>2</sub>O<sub>4</sub>, NiFe<sub>2</sub>O<sub>4</sub> and NiZnFe<sub>4</sub>O<sub>8</sub> nanomaterials: Inflammation and DNA strand breaks.** ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY. 2020 Feb;74: 103303. <https://doi.org/10.1016/j.etap.2019.103303>

Hyväluoma J, Kulju S, Hannula M, Wikberg H, Källi A, Rasa K. **Quantitative characterization of pore structure of several biochars with 3D imaging.** Environmental Science and Pollution Research. 2018 Sep;25(26):1-11. <https://doi.org/10.1007/s11356-017-8823-x>

Ledezma P, Jermakka J, Keller J, Freguia S. **Recovering Nitrogen as a Solid without Chemical Dosing: Bio-Electroconcentration for Recovery of Nutrients from Urine.** Environmental Science and Technology Letters. 2017 Mar 14;4(3):119-124. <https://doi.org/10.1021/acs.estlett.7b00024>

Gomes M, Leroy C, Lemaire S, Marmin C, Mordon S, Ernst O. **Scanner abdominal: Étude comparative de l'exposition patient en routine clinique sur des appareils avec et sans reconstruction itérative.** Radioprotection. 2014;49(1):35-41. <https://doi.org/10.1051/radiopro/2013078>

Espinosa-Ortiz EJ, Shakya M, Jain R, Rene ER, van Hullebusch ED, Lens PNL. **Sorption of zinc onto elemental selenium nanoparticles immobilized in Phanerochaete chrysosporium pellets.** Environmental Science and Pollution Research. 2016;23(21):21619-21630. <https://doi.org/10.1007/s11356-016-7333-6>

Afolaranmi SO, Ramis Ferrer B, Martinez Lastra JL. **Technology review: prototyping platforms for monitoring ambient conditions.** International Journal of Environmental Health Research. 2018;28(3):253-279. <https://doi.org/10.1080/09603123.2018.1468423>

Korpinen L, Pirkkalainen H, Heiskanen T, Pääkkönen R. **The possibility of decreasing 50-HZ electric field exposure near 400-kV power lines with arc flash personal protective equipment.** International Journal of Environmental Research and Public Health. 2016 Oct 1;13(10). 942. <https://doi.org/10.3390/ijerph13100942>

Hakkarainen H, Aakko-Saksa P, Sainio M, Ihantola T, Rönkkö TJ, Koponen P et al. **Toxicological evaluation of exhaust emissions from light-duty vehicles using different fuel alternatives in sub-freezing conditions.** Particle and Fibre Toxicology . 2020 May 27;17(1). 17. <https://doi.org/10.1186/s12989-020-00348-0>

Taylor J, Altamirano-Medina H, Shrubsole C, Das P, Biddulph P, Davies M et al. **Tuberculosis transmission: Modelled impact of air-tightness in dwellings in the UK.** 2014. Paper presented at 13th International Conference on Indoor Air Quality and Climate, Indoor Air 2014, Hong Kong, Hong Kong.

Das P, Chalabi Z, Davies M, Hamilton I, Jones B, Mavrogianni A et al. **Using probabilistic sampling-based sensitivity analyses for indoor air quality modelling.** 2014. Paper presented at 13th International Conference on Indoor Air Quality and Climate, Indoor Air 2014, Hong Kong, Hong Kong.

Heinävaara S, Tokola K, Kurttio P, Auvinen A. **Validation of exposure assessment and assessment of recruitment methods for a prospective cohort study of mobile phone users (COSMOS) in Finland: A pilot study.** Environmental Health: A Global Access Science Source. 2011;10(1). 14. <https://doi.org/10.1186/1476-069X-10-14>

Kuuluvainen H, Poikkimäki M, Järvinen A, Kuula J, Irjala M, Dal Maso M et al. **Vertical profiles of lung deposited surface area concentration of particulate matter measured with a drone in a street canyon.** Environmental Pollution. 2018 Oct 1;241:96-105. <https://doi.org/10.1016/j.envpol.2018.04.100>

Sivula L, Ilander A, Väisänen A, Rintala J. **Weathering of gasification and grate bottom ash in anaerobic conditions.** Journal of Hazardous Materials. 2010 Feb 15;174(1-3):344-351. <https://doi.org/10.1016/j.jhazmat.2009.09.056>